



IE 100 PRO Wireless

Professional in-ear monitoring headphones with Bluetooth® connector



FEATURES

- Dynamic full-range transducer for high-resolution, powerful monitoring sound
- Reduces acoustic stress factors through natural and distortion-free reproduction
- 2 in 1 bundle: Bluetooth® module for wireless connection to mobile devices, PCs or tablets, with a built-in microphone for calls or standard 3,5 mm jack-plug cable
- Excellent shielding through optimized earpiece shape and flexible silicone and foam attachments

For the stage. For massive sound. For the road.

Developed for high expectations on live stages, the specially designed driver of the IE 100 PRO creates precise audio clarity for musicians in live sessions. Typical for the new type of membrane is a powerful, high-resolution and warm monitoring sound. With the included Bluetooth® module, the in-ears become comfortable everyday companions for your mobile phone, PC or tablet. With the built-in mic, phone calls or Webcasts are also possible.

Musicians and DJs choose the IE 100 PRO wireless set for its exceptional sound and high wearing comfort. Not only for live sessions, but also for producing on the road or as an everyday companion.

The in-ears come with 4 earpiece adapters that optimize the fit for every ear size and shape. The setup is stage-safe from the connection to the cable conduit.

Sophisticated monitoring sound for mixing on live stages, producing in the studio and everywhere in between.



DELIVERY INCLUDES

- IE 100 PRO (BLACK, CLEAR or RED)
- Bluetooth connector
- black cable for IE 100 PRO
- USB-A to USB-C cable
- soft pouch
- cleaning tool
- foam and silicone ear adapters
- quick guide
- safety guide
- compliance sheet





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SPECIFICATIONS

IE 100 PRO

Frequency response	20 - 18,000 Hz
Impedance	20 Ω
Sound pressure level (SPL)	115 dB (1 kHz / 1 V _{rms})
Total harmonic distortion (THD)	< 0.1 % (1 kHz, 94 dB)
Noise attenuation	< 26 dB
Magnetized field strength	1.63 mT
Operating temperature	-5 °C to +50 °C (23 °F to 122 °F)
Storage temperature	-20 °C to +70 °C (-4 °F to 158 °F)
Relative humidity	< 95 %

Bluetooth® Connector

Wearing style	Bluetooth® neckband cable
Microphone principle	MEMS
Microphone frequency response	100 - 8,000 Hz
Microphone sensitivity	-42 dBV/Pa (ITU-T P.79)
Microphone pick-up pattern (speech audio)	omni-directional
Power supply - built-in rechargeable lithium-polymer battery	3.7 V \approx , 100 mAh
USB charging	5 V \approx , 100 mA max.
Operating time	10 h (music playback via SBC) with rechargeable battery; 240 h in standby mode
Charging time of rechargeable batteries	approx. 2.5 h
Operating temperature	+5 °C to +40 °C \pm 5 °C (41 °F to 104 °F \pm 9 °F)
Charging temperature	+10 °C to +40 °C \pm 5 °C (50 °F to 104 °F \pm 9 °F)
Storage temperature	-20 °C to +70 °C (-4 °F to 158 °F)
Relative humidity	Operation: Storage:
	10 - 80 %, non-condensing 10 - 90 %
Magnetized field strength	1.63 mT (with IE 100 PRO) 0.23 mT (without headphone)
Weight	approx. 13 g
Bluetooth®	
Version	Bluetooth 5.0 compatible, class 1, BLE

Transmission frequency	2,402 - 2,480 MHz
Modulation	GFSK, $\pi/4$ DQPSK, 8DPSK
Profiles	HSP, HFP, AVRCP, A2DP
Output power	10 mW (max)
Codec	SBC, aptX®, aptX LL®, AAC

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PRODUCT VARIANTS



IE 100 PRO WIRELESS BLACK

Art. no. 509171



IE 100 PRO WIRELESS CLEAR

Art. no. 509172



IE 100 PRO WIRELESS RED

Art. no. 509173



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ACCESSORIES



IE PRO Bluetooth Connector Art. no. 508943



IE PRO Mono cable Art. no. 508944



Black straight cable Art. no. 508584



Twisted cable Art. no. 507478